

ky=0.553,ind=80,f1=1.031kHz,f2=5.788kHz,LfE=2,HfE=2

$T1=970.40\mu s$, $T2=172.76\mu s$
 $f_1 = 1.03kHz * (1 \pm 9.588e-02)$, $f_2 = 5.79kHz * (1 \pm 8.630e-02)$
 $\tau_1=757.66\mu s * (1 \pm 1.190e-01)$, $\tau_2=72.07\mu s * (1 \pm 9.429e-02)$
 $a_1=0.05 * (1 \pm 2.163e-01)$, $a_2=0.20 * (1 \pm 8.667e-02)$
 $s_0=0.23 * (1 \pm 3.785e-02)$, $t_0=875.54 * (1 \pm 2.257e-01)$, $a_0=0.16 * (1 \pm 8.008e-02)$
 $\varphi_1=0.30\pi * (1 \pm 3.262e-01)$, $\varphi_2=-0.07\pi * (1 \pm 6.358e-01)$

s

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

0 250 500 750 1000 1250 1500 1750 2000

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

